

m-PEG13-Hydrazide

Chemical Properties

CAS No. :

Formula: C28H58N2O14

Molecular Weight: 646.77



Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	m-PEG13-Hydrazide, a PEG-based linker for [PROTACs], joins two essential ligands critical for forming PROTAC molecules and enables selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins. They consist of two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, while the other binds to the target protein [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5461 mL	7.7307 mL	15.4614 mL
5 mM	0.3092 mL	1.5461 mL	3.0923 mL
10 mM	0.1546 mL	0.7731 mL	1.5461 mL
50 mM	0.0309 mL	0.1546 mL	0.3092 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481